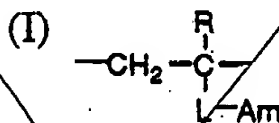


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What is claimed is:

5 1. A jet printing ink comprising a dye and an aqueous medium, which further comprises a basic polymer having a side-chain containing a tertiary amino group, a quaternary ammonium group, or a nitrogen atom-containing heterocyclic group.

10 2. The jet printing ink of claim 1, wherein the basic polymer contains a repeating unit of the following formula (I):



15 in which R is a hydrogen atom or methyl; L is a single bond, -CO-, -O-, an alkylene group, an arylene group, or a combination thereof; and Am is a tertiary amino group, a quaternary ammonium group, or a nitrogen atom-containing heterocyclic group.

25 3. The jet printing ink of claim 1, wherein the basic polymer has a side-chain containing a nitrogen atom-containing heterocyclic group.

30 4. The jet printing ink of claim 1, wherein the nitrogen atom-containing heterocyclic group is 1-imidazolyl.

5. The jet printing ink of claim 1, wherein the basic polymer has a molecular weight in the range of 1,000 to 100,000.

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6. The jet printing ink of claim 1, wherein the basic polymer is contained in an amount of 0.1 to 50 weight %.

5 7. The jet printing ink of claim 1, which has a viscosity of 50 cp or lower at 25°C.

10 8. The jet printing ink of claim 1, wherein the dye is an azomethine dye or an azo dye.

15 9. A method of forming an ink image on a receiving sheet using an ink jet printer, which comprises jetting drops of an ink comprising a dye and an aqueous medium which further comprises a basic polymer having a side-chain containing a tertiary amino group, a quaternary ammonium group, or a nitrogen atom-containing heterocyclic group.

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